

ABSTRACT OF THE INVENTION

A method and system for identifying switch and trunk-group combinations and updating switches, or other components, required to implement a dial plan is provided. The method includes receiving a source network-element identifier and a destination network-element identifier. A range of NPA-NXX codes are received and all available communications pathways between the first network element and the second network element upon which data bound for the one or more NPA-NXX codes can be routed are automatically identified. Profile information associated with the destination network element is retrieved, and, without user intervention, a routing update command is automatically generated that configures the transmitting network element to route data bound for the NPA-NXX codes across the identified communications pathways.